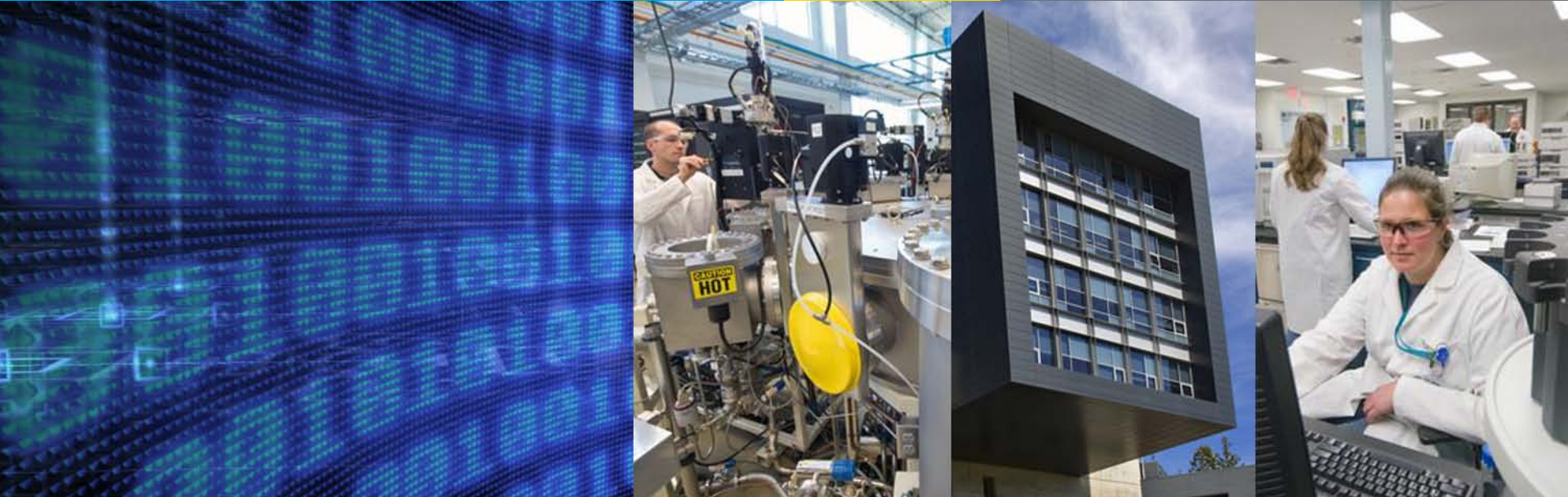


Federal Energy Management Program

U.S. DEPARTMENT OF
ENERGY | Energy Efficiency &
Renewable Energy



UESC and High Tech Facilities
Charles Williams, Lawrence Berkeley National Lab

FEMP
Federal Energy Management Program

High Tech Building UESC Partnership

Leveraging Technical Potential, Market Opportunity, Program Resources

- Energy-intensive facilities with high savings potential
- PG&E service territory – high concentration of high-technology buildings
- PG&E UESC program, new and growing
- DOE FEMP programs for UESC and High-Tech Buildings
- LBNL expertise in labs, data centers, clean rooms
- LBNL support for UESC program
- UESC potential for innovation
- Presidential “We Can’t Wait \$2 Billion challenge to Federal agencies

UESC project support at LBNL

FEMP Finance Team at LBNL assisting Federal agencies with ESPC, UESC, PPA since 1997

- Project facilitation and/or technical support
- Supported over 120 alternatively financed projects valued at >\$500M
- Supported Federal utility-financed projects with IOUs, power authorities, municipalities, other suppliers in West, Northeast and Mid-Atlantic

Typical project support can include:

- Training /Education
- Project planning
- Facilitate kick-off meetings
- Contract/ESCO selection
- Advice and consultation at all procurement steps
- PA, IGA and final proposal review
- Performance Assurance advice

Supported ESPC & UESC In Labs and Data Centers:

ESPCs

- DOE: LLNL, PNNL, Hanford, ORNL, LANL, Ames lab
- FDA Laboratory, Puerto Rico
- USFS Forest Products Laboratory, USFS Region 1
- DOD Defense Manpower Data Center
- USDA Laboratories, TX
- NOAA Geophysical Fluid Dynamics Lab
- NASA Ames Laboratory

UESCs

- USDA Lab Albany CA (PG&E)
- USDA Labs Parlier, Salinas CA (PG&E)
- Stanford Linear Accelerator (PG&E)
- USDA Albany, CA (PG&E)
- FAA Fremont CA (PG&E)
- FAA Southern Cal TRACON (SDG&E)
- IRS Fresno (PG&E)



The Department of Energy, Lawrence Berkeley National Laboratory, and Pacific Gas and Electric Company invite you to the
Federal High-Tech Building Efficiency Summit

Join us on **Wednesday, May 2nd** to:

- Gain information about 2012 Federal energy efficiency technical assistance programs for labs and data centers.
- Learn about high- tech building energy efficiency, UESCs, ESPCs, and Federal Technical Assistance Programs.
- Network with your peers and federal agencies.
- Find out how to utilize 0% on-bill funding mechanisms
- Leave with 'Next Steps' to immediately take action to utilize these programs and begin improving the energy efficiency of your laboratories, data centers, and cleanrooms and meet federal mandate deadlines.

WHO SHOULD ATTEND? Federal Contracting Officer, Facility Managers, IT Managers

Contacts and Questions

David McAndrew

Federal Energy Management Program

202.586. 7722

david.mcandrew@ee.doe.gov

Charles Williams

Lawrence Berkeley National Laboratory

510.495.2892

chwilliams@lbl.gov